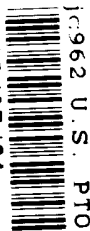


10/25/01



jc872 U.S. PTO

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant(s): Denderian et al.

Docket No.: 150,0088 0102

Title: METHODS FOR FORMING ROUGH RUTHENIUM CONTAINING LAYERS AND STRUCTURES/METHODS USING SAME



jc872 U.S. PTO

Assistant Commissioner for Patents
 ATTN: Box PATENT APPLICATION
 Washington, D.C. 20231

We are transmitting the following documents along with this Transmittal Sheet (which is submitted in triplicate):

- ☒ An itemized return postcard.
☒ UTILITY PATENT APPLICATION including:
☒ Specification (36 consecutively numbered pgs. including 68 claims on 11 Consecutively numbered pgs and a 1 pg Abstract);
☒ Drawings (11 figures on 6 sheets);
☒ A signed Declaration (2 pgs); and an Election Under 37 C.F.R. §§ 3.71 and 3.73 and Power of Attorney (3 pgs. including copy of 2 pg Assignment) filed in the prior application.
☒ Other: Request for Filing a Divisional Patent Application Under Rule 1.53(b) (3 pgs).
☒ A check in the amount of \$740 to pay the filing fee, which is calculated below:

| APPLICATION FILING FEE | | | | | |
|---|------------------------------|---|------------------------------|----------------------|--------------|
| | Number of Pending Claims (1) | Claims Included in Basic Filing Fee (2) | Number of Extra Claims (1-2) | Cost per Extra Claim | Fee Required |
| Total Claims | 16 | - 20 = | -- | x \$18 = | -- |
| Independent Claims | 3 | - 3 = | -- | x \$84 = | -- |
| One or More Multiple Dependent Claims Presented? If Yes, Enter \$270 Here → | | | | | -- |
| Enter Basic Filing Fee (Utility Patent-\$710) Here → | | | | | \$740 |
| Total Application Filing Fee | | | | | \$740 |

Please consider this a PETITION FOR EXTENSION OF TIME for a sufficient number of months to enter these papers and please charge any additional fees or credit overpayment to Deposit Account No. 13-4895. Triplicate copies of this sheet are enclosed.

MUEITING, RAASCH & GEBHARDT, P.A.

Customer Number: 26813

By: _____

Name: Mark J. Gebhardt
 Reg. No.: 35,518
 Direct Dial: 612-305-1216
 Facsimile: 612-305-1228

CERTIFICATE UNDER 37 CFR §1.10:

"Express Mail" mailing label number: E1588270903US

Date of Deposit: 25 October 2001

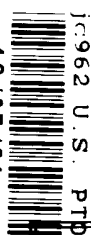
I hereby certify that this paper or fee is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR §1.10 on the date indicated above and is addressed to the Assistant Commissioner for Patents, ATTN: Box PATENT APPLICATION, Washington, D.C. 20231

By: _____

Name: _____

CHARGE ENTIRE TRANSMITTAL UNDER RULE 1.10

10/25/01



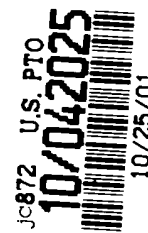
jc962 U.S. PTO

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

| | | | | |
|---------------|----------------------------|----------|-------------------|------------------|
| Docket Number | Anticipated Classification | | Prior Application | |
| 150.0088 0102 | Class | Subclass | Examiner Dang | Art Unit 2818 |

REQUEST FOR FILING A DIVISIONAL PATENT APPLICATION
UNDER RULE 1.53(b)

Assistant Commissioner for Patents
Attn: Box PATENT APPLICATION
Washington, D.C. 20231



jc872 U.S. PTO

10/04/2025

10/25/01

Sir:

This is a request for filing a divisional application under 37 CFR §1.53(b) of Serial No. 09/589,849, filed on 8 June 2000, entitled METHODS FOR FORMING ROUGH RUTHENIUM-CONTAINING LAYERS AND STRUCTURES/METHODS USING SAME by the following inventor(s) (name, address, and citizenship):

- | | | | |
|----|--|----|---|
| 1. | Garo Derderian | 2. | Vishnu K. Agarwal |
| | Address: 6184 South Schooner Pl. | | Address: 2382 East Red Cedar Ln. #A303 |
| | Boise, Idaho 83716 | | Boise, Idaho 83716 |
| | Citizenship: United States of America | | Citizenship: India |

1. ☐ Enclosed is a copy of the specification (including claims, abstract, and drawings) as filed in the prior application.
2. ☒ Enclosed is a new specification (including claims and abstract). The entire disclosure of the prior application is considered as being part of the disclosure of the accompanying application and is hereby incorporated by reference.
3. ☒ Enclosed is a copy of the Declaration, Election Under 37 C.F.R. §§3.71 and 3.73 and Power of Attorney, and Assignment as filed in the prior application.
4. ☐ Enclosed is a newly executed Declaration and Power of Attorney.
5. ☒ Enclosed are formal drawings (6 sheets).
6. ☒ Cancel in this application claims 1-29 and 46-68 before calculating the filing fee. (At least one independent claim must be retained for filing purposes.)
7. ☐ A preliminary amendment is enclosed.

Title: METHODS FOR FORMING ROUGH RUTHENIUM CONTAINING LAYERS AND STRUCTURES METHODS USING SAME

8. ☒ The filing fee is calculated below:

| CLAIMS AS FILED | | | |
|------------------------------------|--------------|-------|--------------------|
| NUMBER FILED | NUMBER EXTRA | RATE | BASIC FEE \$740 |
| Total Claims 17-20 = | -- | \$18 | \$-- |
| Independent Claims 3-3 = | -- | \$84 | \$-- |
| MULTIPLE DEPENDENT CLAIM PRESENTED | | \$270 | \$-- |
| FILING FEE: | | | \$740 |

9. ☒ A check in the amount of \$ 740 is attached.
10. ☒ The Commissioner is hereby authorized to charge any additional fees as set forth in 37 CFR §1.16 to 1.18 which may be required by this paper or credit any overpayment to Account No. 13-4895.
11. ☐ This application is being filed by less than all of the inventors named in the prior application. Please delete the names of the following inventor(s) who are not inventors of the invention claimed in the present application:
12. ☒ Amend the specification by inserting as the first sentence on page 1, the following: -- This is a division of application Serial No. 09/589,849, filed 8 June 2000, (pending), which is incorporated herein by reference.--
13. ☐ Priority of foreign application Serial No. , filed on in (country) is claimed under 35 U.S.C. §119.
14. ☒ The prior application is assigned of record to Micron Technology, Inc.
15. ☒ The Power of Attorney in the prior application is to:

Mark J. Gebhardt
Mueting, Raasch & Gebhardt, P.A.
P.O. Box 581415
Minneapolis, MN 55458-1415
Customer Number 26813

Filed: Herewith

Title: METHODS FOR FORMING ROUGH RUTHENIUM CONTAINING LAYERS AND STRUCTURES METHODS USING SAME

Address all future communications to:

MUETING, RAASCH & GEBHARDT, P.A.

P.O. Box 581415

Minneapolis, Minnesota 55458-1415

Customer Number 26813

Attn: Mark J. Gebhardt

(Telephone: 612-305-1220)

(Facsimile: 612-305-1228)

Date: _____

Mark J. Gebhardt

Reg. No. 35,518

Direct Dial (612)305-1216

Express Mail mailing label number 11888250903US

Date of Deposit 25 October 2001

I hereby certify that this paper and/or fee is/are being deposited with the United States Postal Service, Express Mail Post Office to Addressee, service under 37 C.F.R. 1.1, on the date indicated above and is addressed to the Assistant Commissioner for Patents, Attn: Box PATENT APPLICATION, Washington, D.C. 20231

Jacquelyn K. Torborg
Name JACQUELYN K. TORBORG